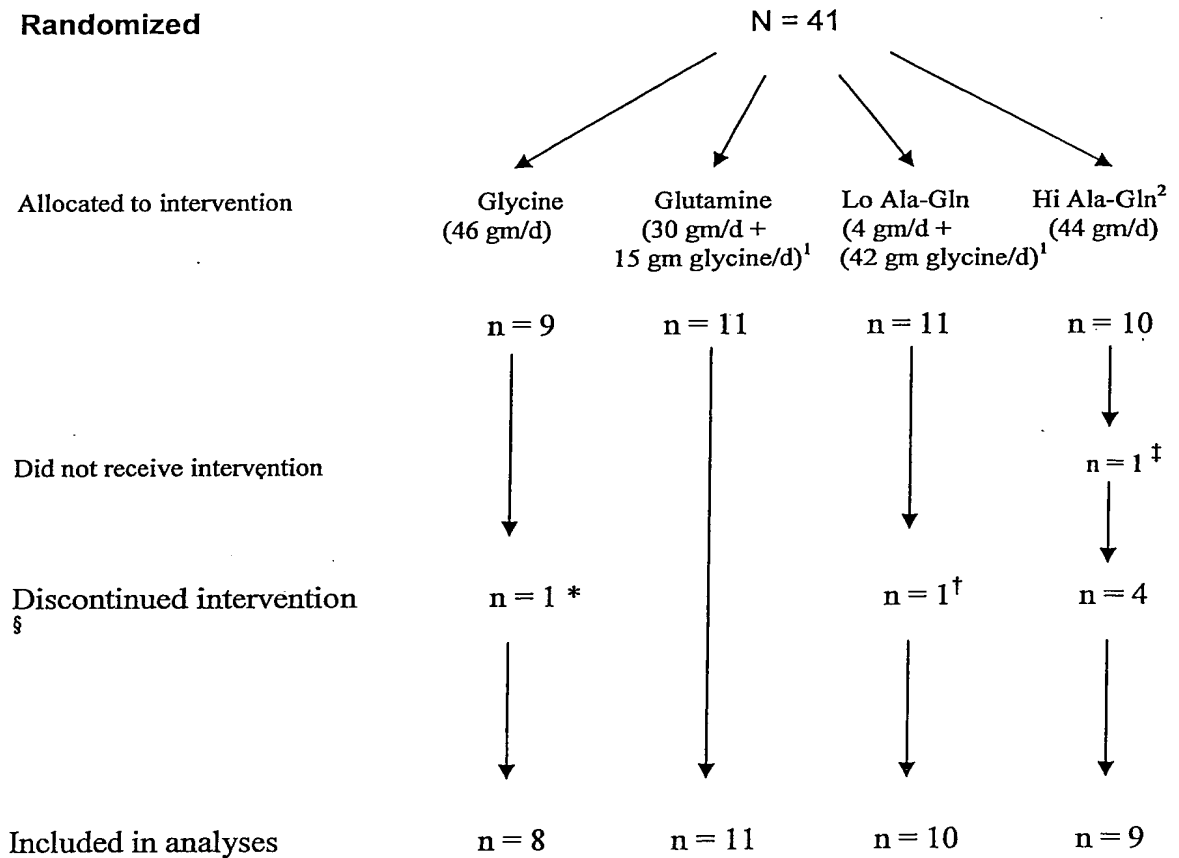


**Fig. 1**

\* Did not tolerate study drug: nausea and vomiting.

† Patient died of apparent pulmonary embolism within two days of starting study drug.

‡ Refused blood draws.

§ Four patients discharged early improved before study was completed.

<sup>1</sup> Glycine was added to Gln and Ala-Gln to equalize the amount of Nitrogen given.

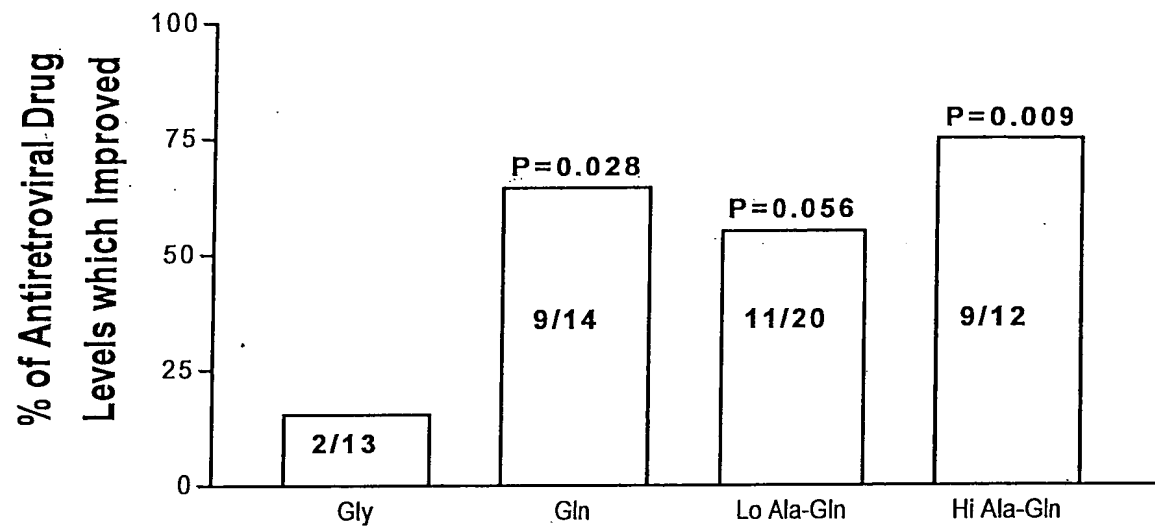
<sup>2</sup> High Ala-Gln dose was calculated to be equi-molar to glutamine of 30 gm/d.

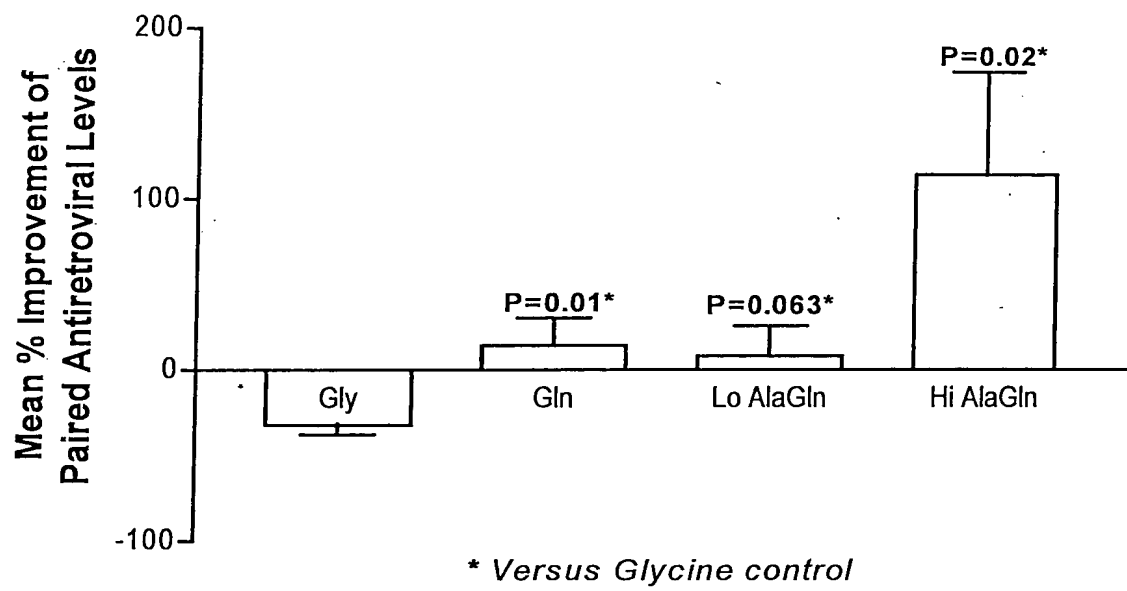
## Fig. 2

### Clinical

Score	-2	-1	0	+1	+2	+3
<b>Glycine</b>	oo	oo	o	o	oo	
(n=8)	x	xxx	x	x	x	x
<b>Glutamine</b>			ooooo	ooo	ooo	
(n=11)				xxxx	xxxxx	x
x						
<b>AlaGln-4</b>		oo	ooooo	oo	o	
(n=10)			xxx	xxxxx	xx	
<b>AlaGln-44</b>			o	o	ooo	
(n=9)*			x	x	x	xx

- Including 4 patients who left on days 3 to 5 because they improved.

**Fig. 3a**

**Fig. 3b**

**Fig. 4**